

KENT COUNTY

ROAD SYSTEM

EXPRESSWAYS

SR 1 AND SR 8, PARTIAL INTERCHANGE, DOVER

PROJECT SCOPE/DESCRIPTION: This project will open the existing emergency access ramps on SR 1 at SR 8 for utilization by the general public. Some improvements on SR 8 may be required. The department will additionally purchase development rights for properties adjacent to SR 8 between SR 1 and SR 9. The limits for the construction portion will be approximately 2,000' east and west of the partial interchange between milepoints 1.89 and 2.16 on SR 8. No additional lanes will be added, but the existing shoulder will be upgraded to add turning lanes. This is a continuation of the original SR 1 Relief Route family of projects.

PROJECT JUSTIFICATION: This project will allow an additional access route to the City of Dover from SR 1.

County:	Kent
Municipality:	Dover
Funding Program:	Road System - Expressways
Functional Category:	Expansion
Representative District:	28, 32
Senatorial District:	17



SR 1 AND SR 8, PARTIAL INTERCHANGE, DOVER (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
SR 1 and SR 8, Partial Interchange, Dover		\$ 9,090.0						
Prior Years	State			\$ 3,090.0	\$ 916.4	\$ 580.1	\$ 336.3	\$ 2,173.6
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 9,090.0	\$ 3,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 5,173.6
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 3,000.0				\$ 8,173.6
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 8,173.6
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 8,173.6
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 8,173.6
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 9,090.0	\$ 916.4			\$ 8,173.6
	Federal			\$ 0.0	\$ 0.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 9,090.0	\$ 9,090.0	\$ 9,090.0	\$ 916.4	\$ 580.1	\$ 336.3	\$ 8,173.6

SR 1 AND SR 8, PARTIAL INTERCHANGE, DOVER (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
22-110-01	SR 1 and SR 8, Partial Interchange, Dover	PLAN	100% ST	\$ 9,090.0	\$ 3,090.0	\$ 3,000.0	\$ 3,000.0	\$ 0.0	\$ 0.0	\$ 0.0
	Total All Funds			\$ 9,090.0	\$ 3,090.0	\$ 3,000.0	\$ 3,000.0	\$ 0.0	\$ 0.0	\$ 0.0

SR 1, TOLL PLAZA MODIFICATIONS, DOVER

PROJECT SCOPE/DESCRIPTION: This project will enhance the current computer technology utilized at SR 1, Dover Plaza to process electronic toll collections by installing highway safe speed lanes.

PROJECT JUSTIFICATION: Collection processes will be reduced by installing highway safe speed lanes and will improve customer satisfaction at the Dover Plaza. Customers will be able to maintain their travel speeds as well as enjoying a reduced fare. Manual toll collection averages 325-350 vehicles per hour compared with electronic toll collection averages of 1,600 – 1,800 vehicles per hour.



County:	Kent
Municipality:	Dover
Funding Program:	Road System - Expressways
Functional Category:	Management
Representative District:	28
Senatorial District:	14



SR 1, TOLL PLAZA MODIFICATIONS, DOVER (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
SR 1, Toll Plaza Modifications, Dover		\$ 7,000.0						
Prior Years	State			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 8,000.0	\$ 1,600.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 1,600.0
	Federal			\$ 6,400.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 6,400.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 0.0				\$ 1,600.0
	Federal			\$ 0.0				\$ 6,400.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 1,600.0
	Federal			\$ 0.0				\$ 6,400.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 1,600.0
	Federal			\$ 0.0				\$ 6,400.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 1,600.0
	Federal			\$ 0.0				\$ 6,400.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 1,600.0	\$ 0.0			\$ 1,600.0
	Federal			\$ 6,400.0	\$ 0.0			\$ 6,400.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 7,000.0	\$ 8,000.0	\$ 8,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 8,000.0

SR 1, TOLL PLAZA MODIFICATIONS, DOVER (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	SR 1, Toll Plaza Modifications, Dover	PE/C	80% FHWA	\$ 8,000.0	\$ 0.0	\$ 8,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Total All Funds			\$ 8,000.0	\$ 0.0	\$ 8,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

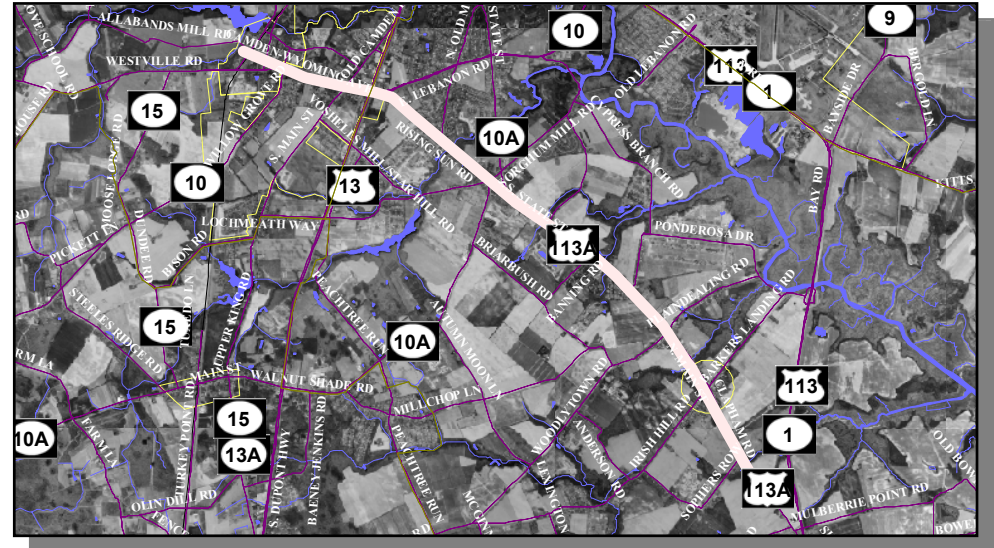
ROAD SYSTEM

ARTERIALS

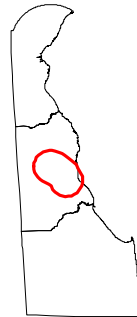
ALTERNATE US113, LITTLE HEAVEN TO SR 10

PROJECT SCOPE/DESCRIPTION: The project development phase of this project will identify operational (those improvements that can be implemented quickly) and capital improvements (those improvements that need design and right-of-way acquisition). The project development work will commence in FY 2005 and be completed with appropriate recommendations in FY 2006.

PROJECT JUSTIFICATION: The Dover/Kent County Metropolitan Planning Organization (MPO) is in the final stages of a preliminary study and public outreach to identify areas of needed improvement along this busy corridor from Little Heaven to US 13. Expanded development in the area necessitates the need for roadway and operational improvements.



County:	Kent
Municipality:	
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	33, 34
Senatorial District:	16, 17



ALTERNATE US113, LITTLE HEAVEN TO SR 10 (CONTINUED)

Close Up Aerial View of Alternate US113 (South State Street)



Alternate US113 Split at Little Heaven



*ALTERNATE US113, LITTLE HEAVEN TO SR 10 (CONTINUED)***PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
Alternate US113, Little Heaven to SR 10		\$ 1,000.0						
Prior Years	State			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 1,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 0.0				\$ 0.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 500.0				\$ 500.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 500.0				\$ 1,000.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 1,000.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 1,000.0	\$ 0.0			\$ 1,000.0
	Federal			\$ 0.0	\$ 0.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,000.0	\$ 1,000.0	\$ 1,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 1,000.0

ALTERNATE US113, LITTLE HEAVEN TO SR 10 (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	Alternate US113, Little Heaven to SR 10	PD	100% ST	\$ 500.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 500.0	\$ 0.0	\$ 0.0
		PE	100% ST	500.0	0.0	0.0	0.0	0.0	500.0	0.0
		C*	80% FHWA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 1,000.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 500.0	\$ 500.0	\$ 0.0

GOVERNOR'S AVENUE, WEBB'S LANE TO WATER STREET

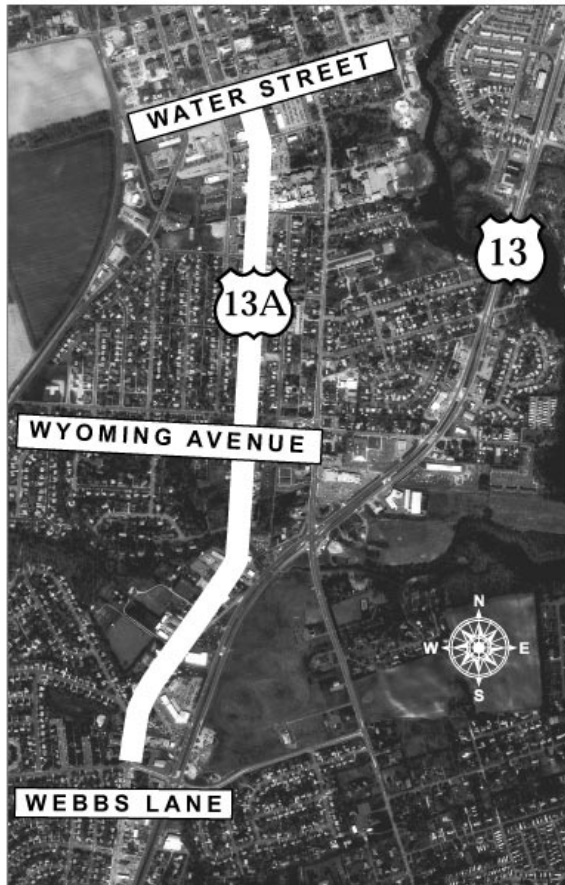
PROJECT SCOPE/DESCRIPTION: This project has been assigned to Dover/Kent MPO, who will work with the City of Dover and local residents to define and implement the project. Possible improvements include construction of curbs and gutters, sidewalks, closed drainage system, shoulder reconstruction, bridge replacement, and restriping, as well as some minor widening improvements (including intersection improvements at Water Street). The improvements may also include striping and signalization at Governor's Avenue and Water Street.

PROJECT JUSTIFICATION: The recommendations of this study will focus on improving safety, drainage, and signalization and promoting various modes of transportation.



County:	Kent
Municipality:	Dover
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	31, 32
Senatorial District:	17



GOVERNOR'S AVENUE, WEBB'S LANE TO WATER STREET (CONTINUED)*Governor's Avenue Aerial View***South Governors Avenue Planning Study**

Water Street to Webb's Lane
Dover, Delaware

Artist's Renderings**Existing Conditions****Recommended Alternative**

Delaware Department
of Transportation

NTA
McComick, Taylor & Associates, Inc.

GOVERNOR'S AVENUE, WEBB'S LANE TO WATER STREET (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
Governor's Avenue, Webb's Lane to Water Street		\$ 5,181.3						
Prior Years	State			\$ 549.3	\$ 372.0	\$ 247.7	\$ 124.3	\$ 177.3
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 5,181.3	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 177.3
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 0.0				\$ 177.3
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 926.4				\$ 1,103.7
	Federal			\$ 3,705.6				\$ 3,705.6
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 1,103.7
	Federal			\$ 0.0				\$ 3,705.6
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 1,103.7
	Federal			\$ 0.0				\$ 3,705.6
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 1,475.7	\$ 372.0			\$ 1,103.7
	Federal			\$ 3,705.6	\$ 0.0			\$ 3,705.6
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 5,181.3	\$ 5,181.3	\$ 5,181.3	\$ 372.0	\$ 247.7	\$ 124.3	\$ 4,809.3

GOVERNOR'S AVENUE, WEBB'S LANE TO WATER STREET (CONTINUED)**PROJECT TIMELINE INFORMATION**

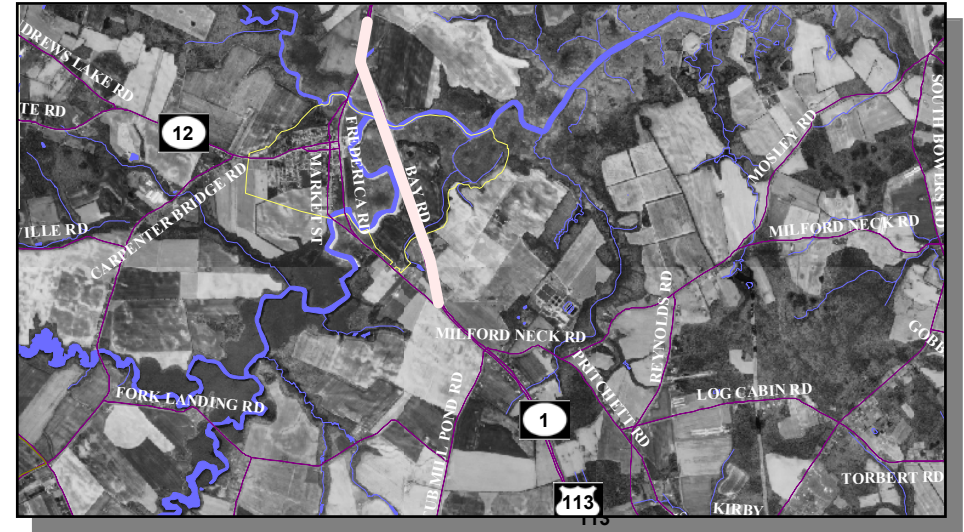
Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
20-045-02	Governor's Avenue, Webb's Lane to Water Street	PE	100% ST	\$ 549.3	\$ 549.3	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		C	80% FHWA	4,632.0	0.0	0.0	0.0	4,632.0	0.0	0.0
	Total All Funds			\$ 5,181.3	\$ 549.3	\$ 0.0	\$ 0.0	\$ 4,632.0	\$ 0.0	\$ 0.0

SR 1, FREDERICA INTERCHANGE

PROJECT SCOPE/DESCRIPTION: This project includes the construction of a grade-separated interchange at this intersection with a proposed on/off access interchange provided along Delaware Route 12. The project will also include the construction of acceleration/deceleration lanes for access to the proposed interchange along northbound SR 1. The existing median crossover at this intersection will be eliminated with this improvement.

PROJECT JUSTIFICATION: The improvements to this intersection will enhance safety and improve traffic flow along the SR 1 corridor.

County:	Kent
Municipality:	Frederica
Funding Program:	Road System – Arterials
Functional Category:	Management
Representative District:	33
Senatorial District:	16



SR 1, FREDERICA INTERCHANGE (CONTINUED)

SR 1 and SR 12 Looking South



SR 1, FREDERICA INTERCHANGE (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
SR 1, Frederica Interchange		\$ 1,740.0						
Prior Years	State			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 1,740.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 0.0				\$ 0.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 580.0				\$ 580.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 580.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 1,160.0				\$ 1,740.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 1,740.0	\$ 0.0			\$ 1,740.0
	Federal			\$ 0.0	\$ 0.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,740.0	\$ 1,740.0	\$ 1,740.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 1,740.0

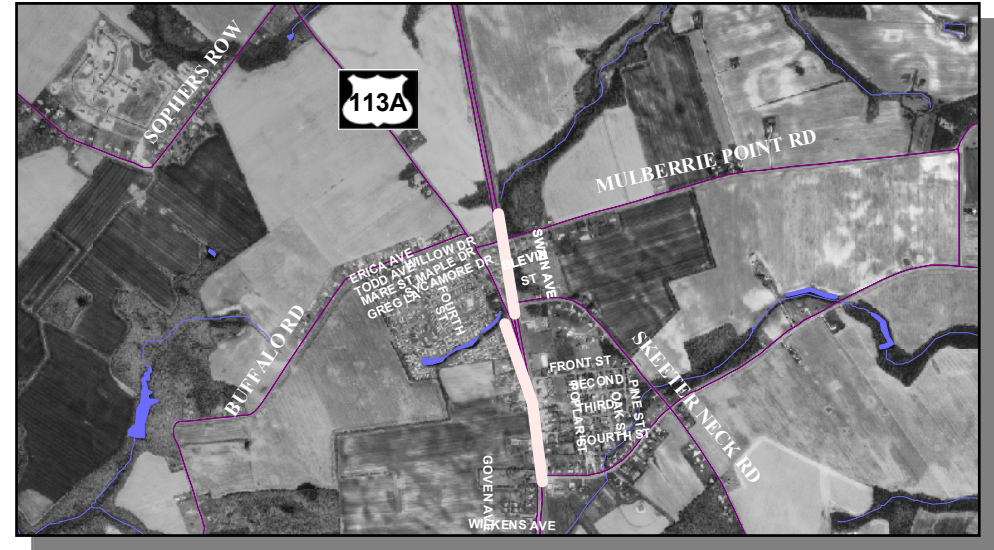
SR 1, FREDERICA INTERCHANGE (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	SR 1, Frederica Interchange	PE	100% ST	\$ 580.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 580.0	\$ 0.0	\$ 0.0
		RW	100% ST	1,160.0	0.0	0.0	0.0	0.0	0.0	1,160.0
		C*	80% FHWA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 1,740.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 580.0	\$ 0.0	\$ 1,160.0

SR 1, LITTLE HEAVEN INTERCHANGE

PROJECT SCOPE/DESCRIPTION: This project includes the construction of new SR 1 northbound lanes and a service road, east of SR 1 from Skeeter Neck Road (Kent Road 372) to north of Mulberrie Point Road (Kent Road 373) in Little Heaven. The existing SR 1 northbound lanes will be converted to SR 1 southbound lanes and the existing SR 1 southbound lanes will be converted to a service road. The project also includes the construction of a grade-separation across SR 1 from the service road on the east connecting to US Route 113A opposite the Barkers Landing development. Access on/off of the service road and SR 1 will be provided via Mulberrie Point Road.

PROJECT JUSTIFICATION: The improvements will enhance safety and improve traffic flow along the SR 1 corridor. The service road will provide access for multiple developments both existing and proposed along SR 1. Providing alternative access and improving the local road network will help preserve the ability of SR 1 in converting this corridor to a limited-access highway.



County: Kent
Municipality:
Funding Program: Road System – Arterials
Functional Category: Management
Representative District: 33
Senatorial District: 16



SR 1, LITTLE HEAVEN INTERCHANGE (CONTINUED)

SR 1 and Mulberrie Point Road



SR 1, LITTLE HEAVEN INTERCHANGE (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
SR 1, Little Heaven Interchange		\$ 4,740.0						
Prior Years	State			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 4,740.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 0.0				\$ 0.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 0.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 1,580.0				\$ 1,580.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 3,160.0				\$ 4,740.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 4,740.0	\$ 0.0			\$ 4,740.0
	Federal			\$ 0.0	\$ 0.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 4,740.0	\$ 4,740.0	\$ 4,740.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 4,740.0

SR 1, LITTLE HEAVEN INTERCHANGE (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	SR 1, Little Heaven Interchange	PE	100% ST	\$ 1,580.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 1,580.0	\$ 0.0
		RW	100% ST	3,160.0	0.0	0.0	0.0	0.0	0.0	3,160.0
		C*	80% FHWA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 4,740.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 1,580.0	\$ 3,160.0